- (1) Windows or Mac? A recent survey of 85 Holy Cross students indicated that 68 have an Apple laptop / iPad. We are looking to test the claim that 2/3 of students use an Apple product.
 - (a) State an appropriate null and alternative hypothesis.

(b) Conduct a Wald test using the χ^2 distribution to compute a p-value. At the 1% level of significance, is there sufficient evidence to conclude that the proportion of students with an Apple product is not 2/3?

(c) Perform the same analysis as in part (b), but this time using a score test.

(d) Perform the same analysis as in part (b), but this time using a likelihood ratio test.